

What is claimed is:

1. A wireless intelligent personal server, comprising:
- a radio frequency (RF) receiver for receiving downstream data transmitted over a first wireless communications channel;
- 5 a memory;
- a central processing unit (CPU);
- a set of embedded machine language instructions, said set of embedded machine language instructions being executable by said CPU for processing said downstream data to provide at least one electronic file in said memory; and
- 10 a first interface for allowing an external display device to access said at least one electronic file.
2. The wireless intelligent personal server of claim 1, wherein said downstream data reflects changes made to at least one source electronic file, said at least one electronic file being an updated version of at least one existing electronic file stored in
- 15 said memory.
3. The wireless intelligent personal server of claim 1, wherein said at least one electronic file is a new electronic file.
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4. The wireless intelligent personal server of claim 1, wherein said first interface allows said external display device read-only access to said at least one electronic file.

5. The wireless intelligent personal server of claim 1, wherein said first interface allows said external display device to change said at least one electronic file.

6. The wireless intelligent personal server of claim 1, wherein said external display device is a computer selected from the group consisting of desktop personal computer, laptop personal computer, and personal digital assistant (PDA).

7. The wireless intelligent personal server of claim 6, wherein said external display device is a personal digital assistant (PDA).

8. The wireless intelligent personal server of claim 1, wherein said first interface allows a first external display device to access said at least one electronic file at a first time and allows a second external display device to access said at least one electronic file at a second time.

9. The wireless intelligent personal server of claim 1, further comprising:
a radio frequency (RF) transmitter for transmitting at least one signal over a second wireless communications channel.

10. The wireless intelligent personal server of claim 9, wherein said RF transmitter transmits an acknowledgement signal over said second wireless communications channel when said RF receiver receives said downstream data.

11. The wireless intelligent personal server of claim 10, wherein said RF transmitter transmits upstream data over said second wireless communications channel, said upstream data reflecting changes to said at least one electronic file made by said external display device.

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12. The wireless intelligent personal server of claim 1, further comprising:
a second interface for controlling a wireless telephone to transmit at least one signal.

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13. The wireless intelligent personal server of claim 12, wherein said second interface controls said wireless telephone to transmit an acknowledgement signal when said RF receiver receives said downstream data.

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14. The wireless intelligent personal server of claim 12, wherein said second interface controls said wireless telephone to transmit upstream data, said upstream data reflecting changes to said at least one electronic file made by said external display device.

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15. The wireless intelligent personal server of claim 12, further comprising:
a battery for powering said wireless intelligent personal server.

16. The wireless intelligent personal server of claim 15, further comprising:
first power contacts for electrically connecting to recharger contacts disposed on
said external display device; and
a first power management circuit for selectively connecting said battery to said
5 first power contacts.

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17. The wireless intelligent personal server of claim 15, further comprising:
second power contacts for electrically connecting to recharger contacts disposed
on said wireless telephone; and
10 a second power management circuit for selectively connecting said battery to said
second power contacts.

18. The wireless intelligent personal server of claim 1, further comprising:
a bar-code input for connecting a bar-code reader.

19. The wireless intelligent personal server of claim 1, further comprising:
a GPS input for connecting a global positioning system (GPS) receiver.

20. The wireless intelligent personal server of claim 1, further comprising:
20 a keyboard input for connecting an external keyboard.

21. The wireless intelligent personal server of claim 1, further comprising:
a card reader input for connecting a card reader.

22. A wireless data communication system, comprising:

a wireless intelligent personal server, said wireless intelligent personal server including a memory and a radio frequency (RF) receiver, said RF receiver being for receiving downstream data transmitted over a first wireless communications channel, said
5 wireless intelligent personal server processing said downstream data to provide at least one electronic file in said memory; and

a wireless telephone in communication with said wireless intelligent personal server, said wireless telephone transmitting an acknowledgment signal over a second
10 wireless communications channel when said wireless intelligent personal server receives said downstream data.

23. The wireless data communication system of claim 22, wherein said wireless intelligent personal server includes an interface for allowing an external display device to
15 access said at least one electronic file.

24. The wireless data communication system of claim 23, wherein said interface allows said external display device read-only access to said at least one electronic file.

20 25. The wireless data communication system of claim 23, wherein said interface allows said external display device to change said at least one electronic file.

26. The wireless data communication system of claim 23, wherein said external display device is a computer selected from the group consisting of desktop personal computer, laptop personal computer, personal digital assistant (PDA), and set-top television controller box.

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27. The wireless data communication system of claim 26, wherein said external display device is a personal digital assistant (PDA).

28. The wireless data communication system of claim 23, wherein said interface allows a first external display device to access said at least one electronic file at a first time and allows a second external display device to access said at least one electronic file at a second time.

29. The wireless data communication system of claim 23, wherein said wireless telephone transmits upstream data over said second wireless communications channel, said upstream data reflecting changes to said at least one electronic file made by said external display device.

30. The wireless data communication system of claim 22, wherein said wireless intelligent personal server includes a battery for powering said wireless intelligent personal server.

31. The wireless data communication system of claim 30, wherein said wireless intelligent personal server includes:

first power contacts electrically connected to recharger contacts disposed on said wireless telephone; and

5 a first power management circuit for selectively connecting said battery to said first power contacts.

32. The wireless data communication system of claim 30, wherein said wireless intelligent personal server includes:

10 second power contacts electrically connected to recharger contacts disposed on said external display device; and

a second power management circuit for selectively connecting said battery to said first power contacts.

33. A wireless data display system, comprising:

a wireless intelligent personal server, said wireless intelligent personal server including a memory and a radio frequency (RF) receiver, said RF receiver being for receiving downstream data transmitted over a first wireless communications channel, said
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20 wireless intelligent personal server processing said downstream data to provide at least one electronic file; and

a display device in communication with said wireless intelligent personal server, said display device having at least one application that accesses said at least one electronic file to display information to a user.

5 34. The wireless data display system of claim 33, wherein said at least one application is able to change said at least one electronic file stored in said memory.

35. The wireless data display system of claim 33, wherein said display device is a computer selected from the group consisting of desktop personal computer, laptop personal computer, and personal digital assistant (PDA).

36. The wireless data display system of claim 35, wherein said display device is a personal digital assistant (PDA).

15 37. The wireless data display system of claim 33, wherein wireless intelligent personal server includes a radio frequency (RF) transmitter for transmitting at least one signal over a second wireless communications channel.

20 38. The wireless data display system of claim 37, wherein said RF transmitter transmits an acknowledgement signal over said second wireless communications channel when said RF receiver receives said downstream data.

39. The wireless data display system of claim 37, wherein said RF transmitter transmits upstream data over said second wireless communications channel, said upstream data reflecting changes to said at least one electronic file made by said display device.

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40. The wireless data display system of claim 33, wherein said wireless intelligent personal server includes an interface for controlling a wireless telephone to transmit at least one signal.

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41. The wireless data display system of claim 40, wherein said interface controls said wireless telephone to transmit an acknowledgement signal when said RF receiver receives said downstream data.

42. The wireless data display system of claim 40, wherein said interface controls said wireless telephone to transmit upstream data, said upstream data reflecting changes to said at least one electronic file made by said display device.

43. The wireless data display system of claim 33, wherein said wireless intelligent personal server includes a battery for powering said wireless intelligent personal server.

44. The wireless data display system of claim 43, wherein said wireless intelligent personal server includes:

first power contacts electrically connected to recharger contacts disposed on said display device; and

5 a first power management circuit for selectively connecting said battery to said first power contacts.

45. The wireless data display system of claim 43, wherein said wireless intelligent personal server includes:

10 second power contacts electrically connected to recharger contacts disposed on said wireless telephone; and

a second power management circuit for selectively connecting said battery to said second power contacts.

15 46. A method for updating a target electronic file to reflect changes made to a source electronic file, said method comprising the steps of:

storing said target electronic file in a wireless intelligent personal server;

20 said wireless intelligent personal server receiving downstream data transmitted over a first wireless communications channel, said downstream data reflecting said changes made to said source electronic file;

said wireless intelligent personal server automatically updating said target electronic file with said downstream data to provide an updated electronic file;

bringing an external display device into communication with said wireless intelligent personal server; and
accessing said updated electronic file with said display device.

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47. The method of claim 46, further comprising the step of:

said wireless intelligent personal server transmitting at least one signal over a second wireless communications channel.

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48. The method of claim 47, wherein said at least one signal includes an acknowledgement signal for acknowledging receipt of said downstream data.

49. The method of claim 46, further comprising the step of:

said wireless intelligent personal server causing a wireless telephone to transmit at least one signal over a second wireless communications channel.

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50. The method of claim 49, wherein said at least one signal includes an acknowledgement signal for acknowledging receipt of said downstream data.

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51. A method for creating, without user intervention, an electronic file on a wireless intelligent personal server, said method comprising the steps of:

said wireless intelligent personal server receiving downstream data transmitted over a first wireless communications channel;

said wireless intelligent personal server automatically creating said electronic file from said downstream data;

bringing an external display device into communication with said wireless intelligent personal server; and

5 accessing said electronic file with said display device.

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52. The method of claim 51, further comprising the step of:

said wireless intelligent personal server transmitting at least one signal over a second wireless communications channel.

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